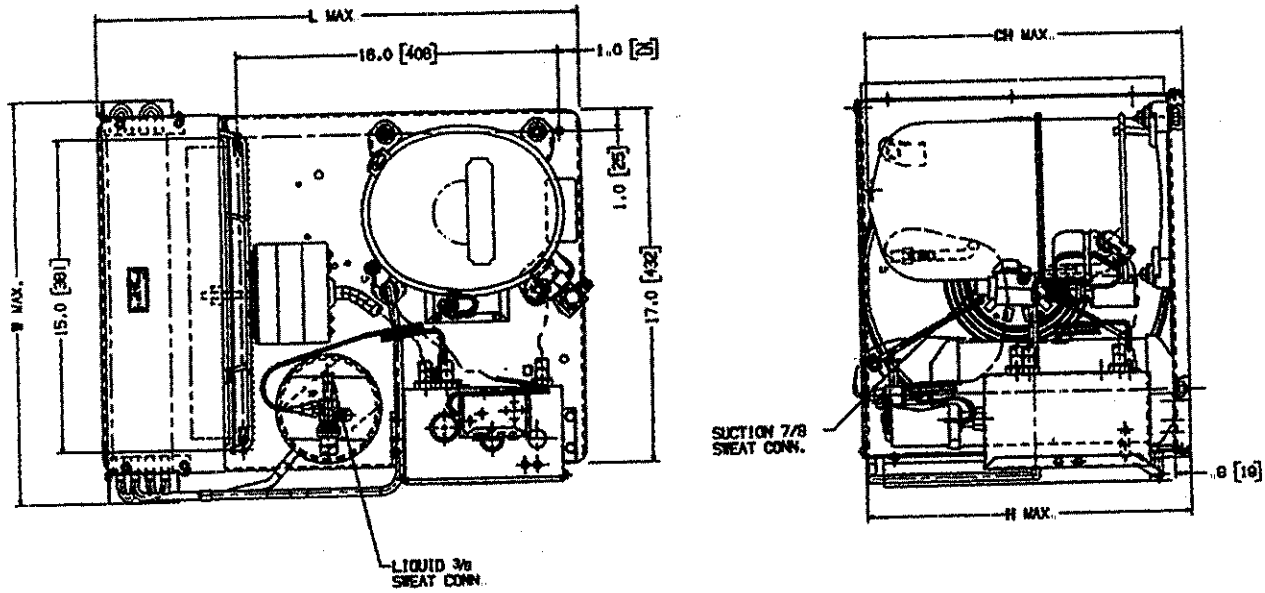
AHA2466AXFXC

March 10, 2000

Revision 2003

TECUMSEH HERMETIC CONDENSING UNITS

MODEL AHA2466AXFXC (B/M 2B3236-49) R-12 1 1/2 HP AIR COOLED



NOTE DIMENSIONS = INCHES (MILLIMETERS) AB

Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AHA2466AXFXC	24.9	19.4	16.2	15.6	7/8 S	3/8 S	13#	1125	45	138

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - MUST BE EVACUATED 60 HZ Performance

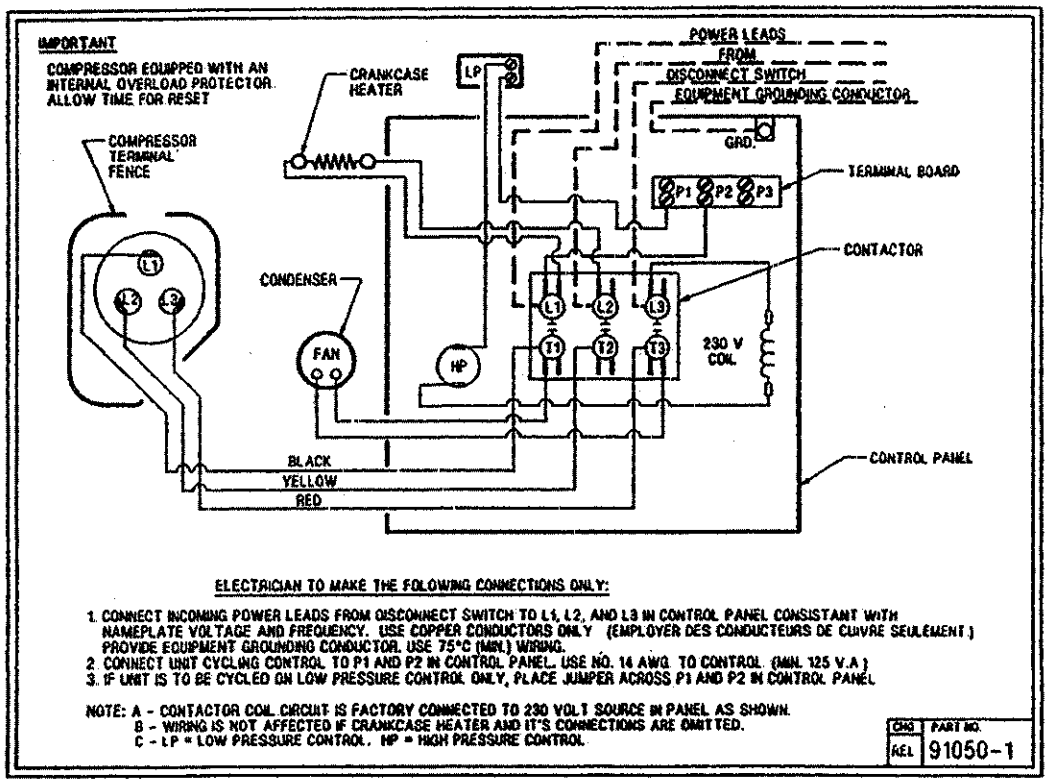
Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-40	11.0	2200	900	115	2000	900	132	1800	900	148
-30	* 5.5 "	3600	1150	120	3400	1160	138	3100	1180	154
-20	*0.6"	5200	1420	128	4900	1440	146	4500	1460	162
-10	4.5	6900	1700	136	6500	1740	152	6100	1780	170
0	9.15	8800	2000	146	8300	2040	163	7900	2080	182
+10	14.6	10950	2460	158	10400	2400	175	9800	2460	194

* Inches of mercury below one atmosphere

Date: January 2003
Unit Catalog Update

SPECIFICATIONS	**AHA2466AXFXC**
Nominal Voltage	230/208-3
Unit B/M	2B3236-49
Voltage Range	253 to 187
Min. Circuit Ampacity	7.9
Max. Fuse Size (Amps)	15
Compressor Model	**AHA2466AXF**
Comp. Bill of Material	AH500RF-505
RLA/LRA	6.5/47.0
ESP Overload	Internal
High Pressure Switch	84097-2
Control	84026-5 (LP)
Contactor	91014 (30AMP-3PH,230V)
Fan Motor (OEM)	810S037B01
Fan RLA	1.10 RLA

Replacement Motor	TFM372
Fan Motor Bracket	Grd. Mnt.
Fan Blade	51533-2
Shroud	70727-2
Condenser	K42-3
Fan Guard	70831
Receiver Tank	51081-1
Receiver Tank Valve	31581-1 (3/8" S) RL
Suction Rotolock	31529-1 (7/8"S RL)
O' Ring Gasket	30334
Optional Outdoor Enclosure	TP-201D
Crankcase Heater (If Inc)	NA
Unit Drawing	SU1894-179
Schematic or Elect. Drawing	91050-1


IMPORTANT
COMPRESSOR EQUIPPED WITH AN INTERNAL OVERLOAD PROTECTOR. ALLOW TIME FOR RESET
CRANKCASE HEATER
LP
POWER LEADS FROM DISCONNECT SWITCH
EQUIPMENT GROUNDING CONDUCTOR
GRD.
COMPRESSOR TERMINAL FENCE
TERMINAL BOARD
P1 P2 P3
CONTACTOR
CONDENSER
L1 L2 L3
T1 T2 T3
FAN
HP
230 V COIL
BLACK
YELLOW
RED
CONTROL PANEL
ELECTRICIAN TO MAKE THE FOLOWING CONNECTIONS ONLY:
1. CONNECT INCOMING POWER LEADS FROM DISCONNECT SWITCH TO L1, L2, AND L3 IN CONTROL PANEL CONSISTANT WITH NAMEPLATE VOLTAGE AND FREQUENCY. USE COPPER CONDUCTORS ONLY (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT) PROVIDE EQUIPMENT GROUNDING CONDUCTOR. USE 75°C (MIN.) WIRING.
2. CONNECT UNIT CYCLING CONTROL TO P1 AND P2 IN CONTROL PANEL. USE NO. 14 AWG. TO CONTROL (MIN. 125 V.A.)
3. IF UNIT IS TO BE CYCLED ON LOW PRESSURE CONTROL ONLY, PLACE JUMPER ACROSS P1 AND P2 IN CONTROL PANEL
NOTE: A - CONTACTOR COIL CIRCUIT IS FACTORY CONNECTED TO 230 VOLT SOURCE IN PANEL AS SHOWN.
B - WIRING IS NOT AFFECTED IF CRANKCASE HEATER AND IT'S CONNECTIONS ARE OMITTED.
C - LP = LOW PRESSURE CONTROL, HP = HIGH PRESSURE CONTROL
CHG
REL
PART NO.
91050-1

Some parts listed may be optional or listed as replacement parts.